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L1 1746 S ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE OR UHMWPE
L2 21 S L1 AND (POLYETHYLENE OR UHMWPE) (6W) CRYSTAL#
L3 6 S L2 AND CROSSLINK?
L4 1 S L3 AND ?RADIAT?

=> d l2 1-21

1. 5,649,398, Jul. 22, 1997, High strength fabric reinforced walls; Frederick P. Isley, Jr., et al., 52/309.17; 24/304; 52/309.13, 514.5, 741.3, DIG.7 [IMAGE AVAILABLE]

2. 5,635,288, Jun. 3, 1997, Ballistic resistant composite for hard-armor application; Andrew D. Park, 428/105; 2/2.5; 89/36.01; 428/113, 408, 902, 911 [IMAGE AVAILABLE]

3. 5,547,536, Aug. 20, 1996, Method for fabricating a ballistic laminate structure; Andrew D. Park, 156/292; 2/2.5; 156/166, 181; 427/342, 471, 513; 428/911 [IMAGE AVAILABLE]

4. 5,468,543, Nov. 21, 1995, Process for producing a ski coating strip made of **ultra** **high** **molecular**--**weight** **polyethylene**;; Robert Schamesberger, 428/220; 156/324; 264/210.4, 280, 331.17, 348; 428/339, 364, 474.4, 484, 910; 521/919; 526/73 [IMAGE AVAILABLE]

5. 5,443,883, Aug. 22, 1995, Ballistic panel; Andrew D. Park, 428/103; 2/2.5; 428/101, 408, 911; 442/392, 398 [IMAGE AVAILABLE]

6. 5,443,882, Aug. 22, 1995, Armored garment; Andrew D. Park, 428/103; 2/2.5; 428/101, 113, 114, 408, 911; 442/392, 398 [IMAGE AVAILABLE]

7. 5,437,905, Aug. 1, 1995, Ballistic laminate structure in sheet form; Andrew D. Park, 428/105; 2/2.5; 428/113, 408, 902, 911; 442/392, 398 [IMAGE AVAILABLE]

8. 5,430,119, Jul. 4, 1995, Stretched molded article of ultra-high-molecular weight polypropylene and process for the preparation of the same; Masahiro Kouya, et al., 526/348.1; 264/210.7, 288.4; 526/351 [IMAGE AVAILABLE]

9. 5,204,045, Apr. 20, 1993, Process for extruding polymer shapes with smooth, unbroken surface; Gregory J. Courval, et al., 264/323, 331.17, DIG.65 [IMAGE AVAILABLE]

10. 5,160,472, Nov. 3, 1992, Method of producing composite structures of ultra-high-molecular-weight polymers, such as **ultra**--**high**--**molecular**--**weight** **polyethylene** products; Anagnostis E. Zachariades, 264/136, 145, 257, 258, 294 [IMAGE AVAILABLE]

11. 5,115,067, May 19, 1992, Molecularly oriented molded body of ultra-high-molecular weight ethylene/.alpha.-olefin copolymer; Kazuo Yagi, et al., 526/348.1; 264/177.13; 428/902; 524/275, 277, 321, 487, 489, 490, 570, 579 [IMAGE AVAILABLE]

12. 5,098,976, Mar. 24, 1992, Acoustic material; Masaru Uryu, et al., 526/348.1; 381/184, 202; 427/491; 526/352 [IMAGE AVAILABLE]

13. 5,001,008, Mar. 19, 1991, Reinforcing fibrous material; Suguru Tokita, et al., 428/4, 364, 401, 447 [IMAGE AVAILABLE]

14. 4,968,765, Nov. 6, 1990, Molecularly oriented molded body of ultra-high-molecular-weight ethylene/polyene copolymer; Kazuo Yagi, et al., 526/336; 428/364, 902; 524/487, 490, 570, 579; 526/339, 348.1 [IMAGE AVAILABLE]

15. 4,944,974, Jul. 31, 1990, Composite structures of ultra-high-molecular-weight polymers, such as **ultra**-*high**-*molecular**-*weight** **polyethylene** products, and method of producing such structures; Anagnostis E. Zachariades, 428/36.1, 36.4, 36.91, 500, 515, 902, 911; 442/63 [IMAGE AVAILABLE]

16. 4,936,818, Jun. 26, 1990, Paper scoring device; Joseph Holohan, Jr., 493/396; 83/659; 493/403, 471, 473 [IMAGE AVAILABLE]

17. 4,902,460, Feb. 20, 1990, Process for preparation of molecularly oriented, silane-crosslinked **ultra**-*high**-*molecular**-*weight** **polyethylene** molded article; Kazuo Yagi, et al., 264/83, 210.4, 210.6, 210.8, 211, 211.13, 211.15, 211.16, 211.17, 211.18, 211.19, 211.2, 211.21, 211.22, 211.24, 232, 236, 340, 347, 349 [IMAGE AVAILABLE]

18. 4,894,281, Jan. 16, 1990, Fiber-reinforced polymer molded body; Kazuo Yagi, et al., 442/62; 428/298.7, 364, 447, 476.1, 516, 517, 518, 520, 902, 911; 442/286, 304, 394; 525/72 [IMAGE AVAILABLE]

19. 4,870,136, Sep. 26, 1989, Molecular oriented, silane-crosslinked **ultra**-*high**-*molecular**-*weight** **polyethylene** molded article and process for preparation thereof; Kazuo Yagi, et al., 525/288; 264/210.2, 210.4, 210.6; 525/342 [IMAGE AVAILABLE]

20. 4,767,819, Aug. 30, 1988, **Ultra**-*high**-*molecular**-*weight** **polyethylene** solution; Shigeki Yokoyama, et al., 524/587; 523/310; 525/240 [IMAGE AVAILABLE]

21. 4,655,769, Apr. 7, 1987, **Ultra**-*high**-*molecular**-*weight** **polyethylene** products including vascular prosthesis devices and methods relating thereto and employing pseudo-gel states; Anagnostis E. Zachariades, 623/1; 138/103, 129; 264/41, 288.8, 299, 331.15; 521/64, 143; 623/16 [IMAGE AVAILABLE]
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1. 5,115,067, May 19, 1992, Molecularly oriented molded body of ultra-high-molecular weight ethylene/.alpha.-olefin copolymer; Kazuo Yagi, et al., 526/348.1; 264/177.13; 428/902; 524/275, 277, 321, 487, 489, 490, 570, 579 [IMAGE AVAILABLE]

2. 5,001,008, Mar. 19, 1991, Reinforcing fibrous material; Suguru Tokita, et al., 428/4, 364, 401, 447 [IMAGE AVAILABLE]

3. 4,968,765, Nov. 6, 1990, Molecularly oriented molded body of ultra-high-molecular-weight ethylene/polyene copolymer; Kazuo Yagi, et al., 526/336; 428/364, 902; 524/487, 490, 570, 579; 526/339, 348.1 [IMAGE AVAILABLE]

4. 4,902,460, Feb. 20, 1990, Process for preparation of molecularly oriented, silane-*crosslinked** **ultra**-*high**-*molecular**-

****weight** **polyethylene**** molded article; Kazuo Yagi, et al., 264/83, 210.4, 210.6, 210.8, 211, 211.13, 211.15, 211.16, 211.17, 211.18, 211.19, 211.2, 211.21, 211.22, 211.24, 232, 236, 340, 347, 349 [IMAGE AVAILABLE]

5. 4,894,281, Jan. 16, 1990, Fiber-reinforced polymer molded body; Kazuo Yagi, et al., 442/62; 428/298.7, 364, 447, 476.1, 516, 517, 518, 520, 902, 911; 442/286, 304, 394; 525/72 [IMAGE AVAILABLE]

6. 4,870,136, Sep. 26, 1989, Molecular oriented, silane-****crosslinked**** ****ultra****-****high****-****molecular****-****weight**** ****polyethylene**** molded article and process for preparation thereof; Kazuo Yagi, et al., 525/288; 264/210.2, 210.4, 210.6; 525/342 [IMAGE AVAILABLE]

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1. 5,001,008, Mar. 19, 1991, Reinforcing fibrous material; Suguru Tokita, et al., 428/4, 364, 401, 447 [IMAGE AVAILABLE]

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